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OCT 25 2006

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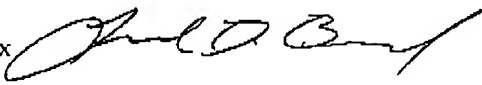
**FACSIMILE TRANSMISSION COVER SHEET**

DATE: October 25, 2006

TO: Mail Stop Amendment  
U.S. Patent and Trademark Office  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

EXAMINER: To Be Assigned, Group Art Unit 1743

RE: U.S. Patent Application No. 10/808,228  
For: Microfluidic Device Including Displaceable Material Trap, and System  
Our Ref.: 5010-102

FROM: Leonard D. Bowersox 

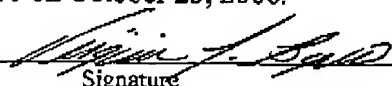
FAC. NO.: (571) 273-8300

**NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 11**

Papers Filed Herewith: Transmittal Form (1 Page)  
Information Disclosure Statement (2 Pages)  
Form PTO/SB/08b (1 Page)  
International Preliminary Report on Patentability (6 Pages)

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Virginia J. Byers  
Printed Name:

  
Signature

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PTO/SB/21 (08-00)

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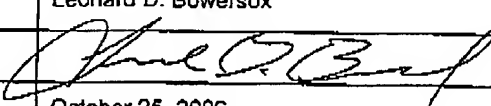
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/808,228	
	Filing Date	March 24, 2004	
	First Named Inventor	David M. Cox et al.	
	Group Art Unit	1743	
	Examiner Name	To Be Assigned	
Total Number of Pages in This Submission	10	Attorney Docket Number	5010-102

**ENCLOSURES (check all that apply)**


<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> ) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Acknowledgement Postcard <input checked="" type="checkbox"/> Other Enclosure(s) ( <i>please identify below</i> ): Form PTO/SB/08b (1 page) International Preliminary Report on Patentability (7 pages)
Remarks		Customer No. 35411

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Leonard D. Bowersox
Signature	
Date	October 25, 2006

**CERTIFICATE OF MAILING**

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Signature	
Date	October 25, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

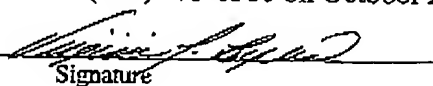
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.	:	10/808,228	Confirmation No.:	4996
Applicant	:	David M. COX et al.		
Filed	:	March 24, 2004		
TC/A.U.	:	1743		
Examiner	:	To Be Assigned		
Attorney Docket No.	:	5010-102		
Customer No.:		35411		

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

October 25, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the Notification of Transmittal, International Preliminary Report on Patentability, and Written Opinion listed on the attached Form PTO/SB/08b (one page). Copies of the documents are also attached.

The documents listed on the attached Form PTO/SB/08b were cited in connection with PCT Application No. PCT/US2005/009260, an application corresponding to the above-captioned application, and are being submitted prior to the three-month anniversary of the date of mailing of the International Preliminary Report on Patentability. The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application.

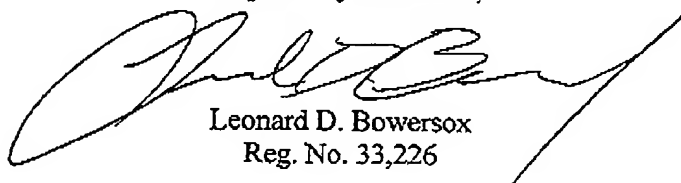
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitutes "prior art."

**BEST AVAILABLE COPY**

U.S. Patent Application No. 10/808,228  
Information Disclosure Statement dated October 25, 2006

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925, and please consider this a petition.

Respectfully submitted,



Leonard D. Bowersox  
Reg. No. 33,226

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Enclosures: Form PTO/SB/08b  
Copy of Notification Concerning Transmittal  
Copy of International Preliminary Report on Patentability  
Copy of Written Opinion

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/808,228
		Filing Date	March 24, 2004
		First Named Inventor	David M. COX et al.
		Art Unit	1743
		Examiner Name	To Be Assigned
Sheet	1	of	1
		Attorney Docket Number	5010-102
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city, and/or country where published.	T <sup>2</sup>
		Notification concerning Transmittal of Copy of International Preliminary Report on Patentability dated October 5, 2006, in connection with Application No. PCT/US2005/009260	
		Written Opinion of the International Searching Authority dated August 24, 2006, in connection with Application No. PCT/US2005/009260	
		International Preliminary Report on Patentability dated October 5, 2006, in connection with Application No. PCT/US2005/009260	
Examiner Signature			Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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